



October 3, 2017

### AUTOPSY REPORT

### PATHOLOGICAL EXAMINATION ON THE BODY OF



### PATHOLOGIC DIAGNOSES

I. Gunshot wound of head.

### OPINION

Based on the autopsy findings and the circumstances surrounding the death, as currently understood, the cause of death is gunshot wound of head, and the manner of death is Homicide.

CAUSE OF DEATH: This 58-year-old female, a result of qunshot wound of head.

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died as

MANNER OF DEATH: HOMICIDE.

JENNIFER CORNEAL, M.D. Farensic Pathologist

JC/kra/aq

Date signed: 12/20/17



## AUTOPSY REPORT

Case Number:

October 3, 2017

#### POSTMORTEM EXAMINATION ON THE BODY OF



Date of death: 0545 hours on October 2, 2017

Date of autopsy: 0255 hours on October 3, 2017

IDENTIFICATION: The body is identified by a tag on the right great toe bearing the decedent's name and case number.

WITNESSES: Assisting is Forensic Autopsy Specialist Suzanne. There are no outside observers.

CLOTHING: The body is unclad when initially viewed. A pair of blue jean shorts, boots, a shirt and a tan bra accompany the body.

EVIDENCE OF MEDICAL THERAPY:

### EXTERNAL EXAMINATION

Injuries are described in a separate section below.

The body is that of a normally developed and well-GENERAL: nourished female appearing consistent with the listed age of years. The length is 65 inches, and the weight is 173 pounds as received. The body is well preserved, cold, and has not Rigidity is fully developed in the jaw and been embalmed. Lividity is pink-purple, nonblanching, and in a extremities. posterior distribution.

HEAD: The scalp is covered with black hair measuring up to 13 inches on the top of the head. The ears are normally formed with bloody drainage. The earlobes are pierced. The irides are brown, the corneas are clear, and the bulbar and palpebral conjunctivae free of petechiae. The sclerae are white. The nose is intact, and the nares are clean and unobstructed. The lips are normally formed. The teeth are natural and in good condition.



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NECK: The neck is symmetrical and without injury.

<u>CHEST AND ABDOMEN</u>: The chest is normally formed, symmetrical, and without palpable masse. The breasts are symmetrical, and without palpable masses.

The abdomen is flat and soft. No masses are palpable.

EXTERNAL GENITALIA: The atraumatic external genitalia are those of an adult female.

BACK: The back is straight and symmetrical. The anus is atraumatic.

ARMS: The arms are normally formed. No needle punctures, track marks, or ventral wrist scars are noted. The fingernails are slightly long and painted pink.

<u>LEGS</u>: The legs are normally formed and have no edema, amputations, or deformity. The toenails are short, trim, and painted pink.

BODY MARKINGS (SCARS AND TATTOOS): None identified.

### INJURIES, EXTERNAL AND INTERNAL

There is a penetrating gunshot wound of the head. The directions are stated with reference to the standard anatomic positions.

## PENETRATING GUNSHOT WOUND OF HEAD:

ENTRANCE: There is an entrance gunshot wound on the left side of the forehead. It is centered 2 inches below the top of the head and 1/2 inch left of midline. It is a 3/16 x 1/8 inch defect with a 1/16 inch rim of abrasion. There is no soot or stippling on the adjacent skin.



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<u>PATH</u>: The projectile enters the left frontal skull, fracturing the skull and injuring the entire cerebrum with transection of the brainstem at the level of the midbrain. There are numerous skull fractures including numerous basilar skull fractures. There is subgaleal, subarachnoid, and subdural hemorrhage.

PROJECTILE/SITE OF LODGEMENT: Multiple metallic fragments are recovered from inside the occipital bone.

DIRECTION: Front-to-back, left-to-right and slightly downward.

OTHER INJURIES: There is a  $1-1/2 \times 1/2$  inch purple-brown contusion on the upper abdomen and a  $1/4 \times 1/8$  inch purple contusion on the mid chest.

## INTERNAL EXAMINATION

<u>HEAD</u>: See Injuries External and Internal. The calvarium and base of the skull are normally configured with the fractures described above. The dura is not intact, and there is subdural hemorrhage.

CENTRAL NERVOUS SYSTEM: The unfixed brain weighs 1140 grams. The leptomeninges are glistening with underlying hemorrhage. The hemispheres are markedly injured. The arteries at the base of the brain have no atherosclerotic changes or aneurysms. Sections through the cerebral hemispheres show a hemorrhagic wound track through the right and left frontal, parietal, and occipital lobes with transection of the brainstem at the level of the midbrain. The cerebellum is intact with subarachnoid hemorrhage.

### SPECIMENS RETAINED

TOXICOLOGY: Samples of subclavian blood and vitreous humor are retained for toxicology. Toxicological testing detected ethanol (0.200 g/100mL).



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HISTOLOGY: Representative sections of the brain are retained.

PHOTOGRAPHS: Digital identification photographs, overall external body photographs and photographs of injuries and projectile fragments are taken.

RADIOGRAPHS: Full body radiographs are taken and show metallic fragments in the skull and multiple skull fractures.